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 US Pre-Grant Publication Full-Text Database  
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 EPO Abstracts Database  
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<u>L5</u>	L4 and l3	0	<u>L5</u>
<u>L4</u>	((produc\$ or creat\$ or generat\$ or make) and print\$ and (chang\$ or modif\$ or alter\$ or updat\$) and (human near resource\$ or hr)).clm.	9	<u>L4</u>
<u>L3</u>	((produc\$ or creat\$ or generat\$ or make) and print\$ and (chang\$ or modif\$ or alter\$ or updat\$) and (human near resource\$ or hr)).ab.	126	<u>L3</u>
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<u>L1</u>	(produc\$ or creat\$ or generat\$ or make) and print\$ and (chang\$ or modif\$ or alter\$ or updat\$) and (human near resource\$ or hr)	15494	<u>L1</u>

END OF SEARCH HISTORY

**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 9 of 9 returned.**☐ 1. Document ID: US 20030074354 A1

L4: Entry 1 of 9

File: PGPB

Apr 17, 2003

PGPUB-DOCUMENT-NUMBER: 20030074354

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030074354 A1

TITLE: Web-based system and method for managing legal information

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMOC
Draw Desc	Image										

☐ 2. Document ID: US 20020103749 A1

L4: Entry 2 of 9

File: PGPB

Aug 1, 2002

PGPUB-DOCUMENT-NUMBER: 20020103749

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020103749 A1

TITLE: Remote on-the-spot credit processing

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMOC
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☐ 3. Document ID: US 20020024537 A1

L4: Entry 3 of 9

File: PGPB

Feb 28, 2002

PGPUB-DOCUMENT-NUMBER: 20020024537

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020024537 A1

TITLE: E2 automobile dealership information management system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMOC
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☐ 4. Document ID: US 6415277 B1

L4: Entry 4 of 9

File: USPT

Jul 2, 2002

US-PAT-NO: 6415277

DOCUMENT-IDENTIFIER: US 6415277 B1

TITLE: Method of generating print production tasks using information extracted from enterprise databases

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

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☐ 5. Document ID: US 5922448 A

L4: Entry 5 of 9

File: USPT

Jul 13, 1999

US-PAT-NO: 5922448

DOCUMENT-IDENTIFIER: US 5922448 A

TITLE: Multifunctional cyanate ester and epoxy blends

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
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☐ 6. Document ID: US 5711988 A

L4: Entry 6 of 9

File: USPT

Jan 27, 1998

US-PAT-NO: 5711988

DOCUMENT-IDENTIFIER: US 5711988 A

TITLE: Energy storage device and its methods of manufacture

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

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☐ 7. Document ID: US 5457390 A

L4: Entry 7 of 9

File: USPT

Oct 10, 1995

US-PAT-NO: 5457390

DOCUMENT-IDENTIFIER: US 5457390 A

TITLE: Circuit board manufacture

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
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☐ 8. Document ID: US 5410473 A

L4: Entry 8 of 9

File: USPT

Apr 25, 1995

US-PAT-NO: 5410473

DOCUMENT-IDENTIFIER: US 5410473 A

TITLE: Method and apparatus for recording electrocardiogram information

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☐ 9. Document ID: US 4400709 A

L4: Entry 9 of 9

File: USPT

Aug 23, 1983

US-PAT-NO: 4400709

DOCUMENT-IDENTIFIER: US 4400709 A

TITLE: Image printer stylus bar, manufacturing method therefor and image printer device

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw	Desc	Image							

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- 1** IS '97: model curriculum and guidelines for undergraduate degree programs in information systems 80%  
Gordon B. Davis , John T. Gorgone , J. Daniel Couger , David L. Feinstein , Herbert E. Longenecker  
ACM SIGMIS Database , Guidelines for undergraduate degree programs on Model curriculum and guidelines for undergraduate degree programs in information systems December 1997  
Volume 28 Issue 1
- 2** Grapevine: an exercise in distributed computing 80%  
Andrew D. Birrell , Roy Levin , Michael D. Schroeder , Roger M. Needham  
Communications of the ACM April 1982  
Volume 25 Issue 4  
Grapevine is a multicomputer system on the Xerox research internet. It provides facilities for the delivery of digital messages such as computer mail; for naming people, machines, and services; for authenticating people and machines; and for locating services on the internet. This paper has two goals: to describe the

system itself and to serve as a case study of a real application of distributed computing. Part I describes the set of services provided by Grapevine and how its data and funct ...

**3** Location-aware mobile applications based on directory services 80%



Henning Maass

Mobile Networks and Applications August 1998

Volume 3 Issue 2

Location-aware applications are becoming increasingly attractive due to the widespread dissemination of wireless networks and the emergence of small and cheap locating technologies. We developed a location information server that simplifies and speeds up the development of these applications by offering a set of generic location retrieval and notification services to the application. The data model and the access protocols of these services are based on the X.500 directory service and the I ...

**4** Cooperative support for computer work: a social perspective on the empowering of end users 77%



Andrew Clement

Proceedings of the 1990 ACM conference on Computer-supported cooperative work September 1990

**5** Computer-aided requirements engineering 77%



D. Teichroew , H. Sayani

Proceedings of the ACM 1980 annual conference January 1980

Sometime in the future, Requirements Engineers (also known as Systems Analysts) will replace their present manual methods by a computer aided method (a Requirements Engineering System) just as programmers have replaced manual by on-line programming. The Requirements Engineering System will be part of the (logically) integrated Decision Support System of the Systems Department. This paper briefly describes the need for formal recorded requirements and analyzes the reasons why organizations d ...

**6** Data Systems Dynamic Simulation - a total system for data system design assessments and trade studies 77%



James W. Hooper , Dale W. Rowe

Proceedings of the eleventh annual simulation symposium March 1978

Data Systems Dynamic Simulation is a simulation system designed to reduce cost and time and increase the confidence and comprehensiveness of Data Systems Simulation. It is designed to

simulate large data processing and communications systems from end-to-end or by subsystem. Those features relevant to system timing, control, sizing, personnel support activities, cost and external influences are modeled. Emphasis is placed on ease of use, comprehensive system performance measures, ...

**7** Software safety: why, what, and how 77%



Nancy G. Leveson

ACM Computing Surveys (CSUR) June 1986

Volume 18 Issue 2

Software safety issues become important when computers are used to control real-time, safety-critical processes. This survey attempts to explain why there is a problem, what the problem is, and what is known about how to solve it. Since this is a relatively new software research area, emphasis is placed on delineating the outstanding issues and research topics.

**8** Integrating security in a large distributed system 77%



M. Satyanarayanan

ACM Transactions on Computer Systems (TOCS) August 1989

Volume 7 Issue 3

Andrew is a distributed computing environment that is a synthesis of the personal computing and timesharing paradigms. When mature, it is expected to encompass over 5,000 workstations spanning the Carnegie Mellon University campus. This paper examines the security issues that arise in such an environment and describes the mechanisms that have been developed to address them. These mechanisms include the logical and physical separation of servers and clients, support for secure communication ...

**9** Session 10: meeting support: Distributed meetings: a meeting capture and broadcasting system 77%



Ross Cutler , Yong Rui , Anoop Gupta , JJ Cadiz , Ivan Tashev , Li-wei He , Alex Colburn , Zhengyou Zhang , Zicheng Liu , Steve Silverberg  
Proceedings of the 2002 ACM workshops on Multimedia December 2002

The common meeting is an integral part of everyday life for most workgroups. However, due to travel, time, or other constraints, people are often not able to attend all the meetings they need to. Teleconferencing and recording of meetings can address this problem. In this paper we describe a system that provides these features, as well as a user study evaluation of the system. The system uses a variety of capture devices (a novel 360° camera, a whiteboard camera, an overview camera, and a mi ...

- 10** Information technologies for the 1990s: an organizational impact perspective 77%



Detmar W. Straub , James C. Wetherbe  
Communications of the ACM November 1989  
Volume 32 Issue 11

When a thing is new, people say: "It is not true." Later, when its truth becomes obvious, they say: "It is not important." Finally, when its importance cannot be denied, they say: "Anyway, it is not new." Adapted from William James

- 11** Human-computer interface development: concepts and systems for its management 77%



H. Rex Hartson , Deborah Hix  
ACM Computing Surveys (CSUR) March 1989  
Volume 21 Issue 1

*Human-computer interface management*, from a computer science viewpoint, focuses on the process of developing quality human-computer interfaces, including their representation, design, implementation, execution, evaluation, and maintenance. This survey presents important concepts of interface management: dialogue independence, structural modeling, representation, interactive tools, rapid prototyping, development methodologies, and control structures. *Dialogue independence* is th ...

- 12** Authentication and authorization: Securing passwords against dictionary attacks 77%



Benny Pinkas , Tomas Sander  
Proceedings of the 9th ACM conference on Computer and communications security November 2002

The use of passwords is a major point of vulnerability in computer security, as passwords are often easy to guess by automated programs running dictionary attacks. Passwords remain the most widely used authentication method despite their well-known security weaknesses. User authentication is clearly a practical problem. From the perspective of a service provider this problem needs to be solved within real-world constraints such as the available hardware and software infrastructures. From a user' ...

- 13** Practical byzantine fault tolerance and proactive recovery 77%



Miguel Castro , Barbara Liskov  
ACM Transactions on Computer Systems (TOCS) November 2002  
Volume 20 Issue 4



Our growing reliance on online services accessible on the Internet demands highly available systems that provide correct service without interruptions. Software bugs, operator mistakes, and malicious attacks are a major cause of service interruptions and they can cause arbitrary behavior, that is, Byzantine faults. This article describes a new replication algorithm, BFT, that can be used to build highly available systems that tolerate Byzantine faults. BFT can be used in practice to implement re ...

**14** COCA: A secure distributed online certification authority 77%



Lidong Zhou , Fred B. Schneider , Robbert Van Renesse  
ACM Transactions on Computer Systems (TOCS) November 2002  
Volume 20 Issue 4

COCA is a fault-tolerant and secure online certification authority that has been built and deployed both in a local area network and in the Internet. Extremely weak assumptions characterize environments in which COCA's protocols execute correctly: no assumption is made about execution speed and message delivery delays; channels are expected to exhibit only intermittent reliability; and with  $3t + 1$  COCA servers up to  $t$  may be faulty or compromised. COCA is the first system to integr ...

**15** A model of OASIS role-based access control and its support for active security 77%



Jean Bacon , Ken Moody , Walt Yao  
ACM Transactions on Information and System Security (TISSEC)  
November 2002  
Volume 5 Issue 4

OASIS is a role-based access control architecture for achieving secure interoperation of services in an open, distributed environment. The aim of OASIS is to allow autonomous management domains to specify their own access control policies and to interoperate subject to service level agreements (SLAs). Services define roles and implement formally specified policy to control role activation and service use; users must present the required credentials, in an appropriate context, in order to activat ...

**16** National id card: the next generation: The US/Mexico border crossing card (BCC): a case study in biometric, machine-readable id 77%



Andrew Schulman  
Proceedings of the 12th annual conference on Computers, freedom and privacy April 2002

**17** Spoken dialogue technology: enabling the conversational user interface 77%



ACM Computing Surveys (CSUR) March 2002  
Volume 34 Issue 1

Spoken dialogue systems allow users to interact with computer-based applications such as databases and expert systems by using natural spoken language. The origins of spoken dialogue systems can be traced back to Artificial Intelligence research in the 1950s concerned with developing conversational interfaces. However, it is only within the last decade or so, with major advances in speech technology, that large-scale working systems have been developed and, in some cases, introduced into commerc ...

**18** Special Issue on Critical Analyses of ERP Systems: the macro level: Enterprise resource planning (ERP) systems as a 77%



technology of power: empowerment or panoptic control?  
Siew Kien Sia , May Tang , Christina Soh , Wai Fong Boh  
ACM SIGMIS Database February 2002  
Volume 33 Issue 1

This paper explores ERP as an ambivalent technology of power. On the one hand, it may tighten management control by bringing a new level of panoptic visibility to organizational activities; on the other hand, the embedded business model within the ERP may drive empowerment of employees and greater control relaxation through the configuration of new process design. How will the implementation of an ERP system affect organizational control? Our This research seeks to understand how the different f ...

**19** Access Control: Design and implementation of a flexible RBAC-service in an object-oriented scripting language 77%



Gustaf Neumann , Mark Strembeck  
Proceedings of the 8th ACM conference on Computer and Communications Security November 2001

In this paper we present the design and implementation of the xorbac component that provides a flexible RBAC service. The xorbac, implementation conforms to level 4a of the unified NIST model for RBAC and can be reused for arbitrary applications on Unix or Windows with a C or Tcl linkage. xorbac runtime elements can be serialized and recreated from RDF data models conforming to a well-defined RDF schema. Furthermore we present our experiences with xorbac for t ...

## 20 The state of the art in automating usability evaluation of user interfaces 77%



ACM Computing Surveys (CSUR) December 2001  
Volume 33 Issue 4

Usability evaluation is an increasingly important part of the user interface design process. However, usability evaluation can be expensive in terms of time and human resources, and automation is therefore a promising way to augment existing approaches. This article presents an extensive survey of usability evaluation methods, organized according to a new taxonomy that emphasizes the role of automation. The survey analyzes existing techniques, identifies which aspects of usability evaluation aut ...

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